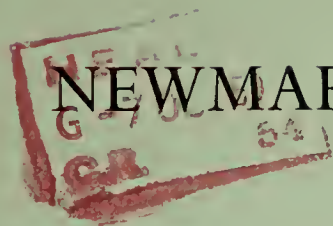


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NEWMARKET URBAN DISTRICT COUNCIL

West Suffolk

REPORT



Medical Officer of Health

FOR THE YEAR

1958

ANNUAL REPORT

of the

Acting Medical Officer of Health for the Urban District of Newmarket,
in the County of West Suffolk for the year ending 31st December, 1958.

Bury St. Edmunds 1280.

Westgate House,

Bury St. Edmunds.

To the Chairman and Councillors of the
Urban District of Newmarket.

June, 1959.

Mr. Chairman and Gentlemen,

Owing to the untimely death of Dr. R. H. Clayton in January, 1959,
who was Medical Officer of Health for the District since 1936, I present
the Annual Report of the Medical Officer of Health for the year, 1958.

The material for this report has been supplied by the Public Health
Inspector, the Clerk of the Council, the Engineer and Surveyor and by the
Architect to the Council.

I acknowledge with a sense of gratitude the support I have received
from the Executive Officers of the Council during the period the post of
Medical Officer of Health has been vacant. In addition, my thanks are due
to the members of my own staff who have assisted in various ways.

I have the honour to be,

Your obedient servant,

D. A. McCRACKEN, M.D.

County Medical Officer of Health: Acting Medical
Officer of Health.

Public Health Officers of the Authority.

(a) Medical - One part-time Medical Officer of Health

Robert H. Clayton, M.B., B.S., B.Hy., D.P.H. (Durham).
Cert. Mental Deficiency and Allied Subjects (London).
Appointed in 1936.
Died - January, 1959.

This Officer did not engage in private practice but held in addition
the following appointments:-

Medical Officer of Health, Mildenhall R.D.C.	}	Appointed 1st July, 1936.
Thingoe R.D.C.		
Cosford R.D.C.	"	1st February, 1937.
Thedwastre R.D.C.	"	1st July, 1938.

Miss A. Turner is Secretary to the Medical Officer of Health for the
five Districts.

(b) Others - One Public Health Inspector


G. Penistone, M.A.P.H.I., Cert.S.I.B.,
Cert. Inspector of Meat and Other Foods,
Cert. Smoke Inspector, Royal Society of Health.
Appointed August, 1946.

Mr. Penistone has general assistance from Mr. D. Parr, and typing
assistance from the Council's general office typists pool.

Public Health Committee.

Councillor	Mr. C. Pudney, Chairman.
"	Mr. G. S. C. Gibson.
"	Mr. H. A. Harman.
"	Mr. R. J. Hill.
"	Mr. C. G. Lewis.
"	Mr. J. K. Stubbs.
"	Mr. J. Taylor.
"	Mr. D. T. MacLaren, Chairman of the Council, Ex-Officio.

Mr. J. Crabb, Clerk of the Council.
Mr. F. B. Waterfall, Engineer & Surveyor to the Council.
Mr. P. D. Lees, Architect to the Council.



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SECTION A.
STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

GENERAL STATISTICS.	Area	5,640 acres.
Registrar General's estimate of the resident population	(1955) (10,530)	(1956) (10,580)
Number of inhabited houses at end of year according to Rate Book	(3,300)	(3,322)
Rateable Value	(£83,159)	(£134,923)
Sum represented by a Penny Rate	(£323)	(£526)
	(£125,253)	(£480)
	£128,245	£500

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	Male.	Female.	Total.
LIVE BIRTHS.			
Legitimate	87	70	157
Illegitimate	4	3	7
Totals:	91	73	164

Live Birth Rate per 1,000 population	14.6
Corrected Birth Rate (Comparability Factor 0.99)	14.5
Birth Rate per 1,000 Population (England & Wales)	16.4

	Male.	Female.	Total.
STILLBIRTHS.			
Legitimate	4	2	6
Illegitimate	-	-	-
Totals:	4	2	6

Stillbirth Rate per 1,000 Live and Still Births	35.29
Stillbirth Rate per 1,000 Live and Still Births (England & Wales)	21.6

	Male.	Female.	Total.
TOTAL LIFE AND STILL BIRTHS.			
Legitimate	91	72	163
Illegitimate	4	3	7
Totals:	95	75	170

	Male.	Female.	Total.
INFANT MORTALITY. Deaths of Infants under One Year of age.			
Legitimate	5	-	5
Illegitimate	1	-	1
Totals:	6	-	6

INFANT MORTALITY RATE PER 1,000 LIVE BIRTHS	(TOTAL)	36.6				
"	"	"	"	"	(LEGITIMATE)	31.8
"	"	"	"	"	"	(ILLEGITIMATE)	..	142.8
NEO-NATAL	"	"	"	"	"	"	..	12.2
(Deaths of Infants during the first four weeks of life)								2
LEGITIMATE LIVE BIRTHS PER CENT OF TOTAL LIVE BIRTHS	..	..	95.8			
MATERNAL DEATHS (INCLUDING ABORTION)	..	..	1			
MATERNAL MORTALITY RATE PER 1,000 LIVE AND STILL BIRTHS	..	..	5.9			
DEATHS.	Male.	Female.	Total.					
	74	81	155					
DEATH RATE PER 1,000 POPULATION	..	..	13.8			
CORRECTED DEATH RATE (COMPARABILITY FACTOR 1.01	..	..	13.9			
DEATH RATE PER 1,000 POPULATION (ENGLAND & WALES)	..	..	11.7			

COMPARATIVE VITAL STATISTICS.

	YEAR										
	1949.	1950.	1951.	1952.	1953.	1954.	1955.	1956.	1957.	1958.	
Birth Rate (Corrected).	14.1	13.4	14.3	14.5	14.8	15.7	14.3	18.2	17.4	14.5	
Death Rate (Corrected).	14.1	9.3	11.2	10.8	9.8	11.0	10.3	11.6	8.9	13.9	
Infant Mortality Rate.	65.7	24.2	14.6	55.9	41.1	37.3	6.3	10.6	10.9	36.6	
Number of Infant Deaths.	9	3	2	8	6	6	1	2	2	6	

The following table gives the causes and the number of deaths which occurred during 1958:-

Registrar General's Figures.
Male. Female.
1958. (1957) 1958. (1957)

1. Tuberculosis, respiratory	-	(-)	-	(-)
2. Tuberculosis, other	-	(-)	-	(-)
3. Syphilitic Disease	-	(1)	-	(-)
4. Diphtheria	-	(-)	-	(-)
5. Whooping Cough	-	(-)	-	(-)
6. Meningococcal Infections	-	(-)	-	(-)
7. Acute Poliomyelitis	-	(-)	-	(-)
8. Measles	-	(-)	-	(-)
9. Other infective & parasitic diseases ..	-	(1)	-	(-)
10. Malignant neoplasm, Stomach	-	(4)	-	(-)
11. Malignant neoplasm, Lung & Bronchus ..	3	(4)	1	(-)
12. Malignant neoplasm, Breast	-	(-)	1	(2)
13. Malignant neoplasm, Uterus	-	(-)	1	(-)
14. Other malignant & lymphatic neoplasms ..	2	(7)	9	(8)
15. Leukaemia, Aleukaemia	1	(-)	-	(-)
16. Diabetes	-	(-)	1	(1)
17. Vascular lesions of nervous system ..	10	(5)	12	(9)
18. Coronary disease, angina	22	(12)	9	(2)
19. Hypertension with heart disease	2	(1)	2	(1)
20. Other heart disease	9	(9)	16	(5)
21. Other circulatory disease	2	(2)	3	(2)
22. Influenza	-	(-)	-	(1)
23. Pneumonia	5	(1)	3	(3)
24. Bronchitis	2	(1)	4	(1)
25. Other diseases of respiratory system ..	-	(-)	2	(-)
26. Ulcer of Stomach & Duodenum	-	(1)	1	(2)
27. Gastritis, enteritis & diarrhoeas	-	(-)	2	(-)
28. Nephritis & Nephrosis	-	(-)	1	(1)
29. Hyperplasia of prostate	1	(3)	-	(-)
30. Pregnancy, childbirth, abortion	-	(-)	1	(-)
31. Congenital malformations	2	(1)	-	(-)
32. Other defined & ill-defined diseases ..	8	(2)	8	(3)
33. Motor vehicle accidents	1	(-)	2	(-)
34. All other accidents	2	(1)	2	(1)
35. Suicide	2	(-)	-	(-)
36. Homicide & operations of war	-	(-)	-	(-)
	<u>74</u>	<u>(56)</u>	<u>81</u>	<u>(42)</u>

SECTION B.
GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

(a) LABORATORY FACILITIES. The Public Health Laboratory, Tennis Court Road, Cambridge, under the directorship of Dr.R.M.Fry, provides an excellent bacteriological service and most readily discusses and advises on any epidemiological or similar problem.

Dr.S.Greenburgh, Public Analyst, Tenison Road, Cambridge, gives a similar efficient, helpful service when chemical analyses are required.

(b) AMBULANCE FACILITIES. These services since July 1953 have been provided directly by the County Council under the direction of Dr. D. A. McCracken, the County Medical Officer of Health.

(c) NURSING IN THE HOME. The West Suffolk County Council District Nurse-Midwives carry out these duties.

(d) CLINICS AND TREATMENT CENTRES. County Council Infant Welfare Clinics were held at Newmarket each Tuesday at King's Hall, Newmarket, at 11 a.m. & 2 p.m. Out-Patient Clinics held at Newmarket General Hospital are as follows:-

DAY.	CLINIC.	CONSULTANT.	TIME.	FREQUENCY.
MONDAY	ENT.	Mr. Williamson.	10.30 a.m.	2nd Mon. each month only, reserved for school children
	OPHTHALMIC	Miss Long.	2.00 p.m.	
TUESDAY.	GYNAECOLOGICAL	Mr. Lloyd.	2.00 p.m.	Alt. Mondays.
	SURGICAL APPLIANCES.	Mr. Ockendon.	11.00 a.m.	" "
	AUDIOMETRIC.	Miss Collingwood.	10.00 a.m.	Mainly repairs and fittings.
	ORTHOPAEDIC.	Mr. Jamieson.	10.30 a.m.	
	PLASTER CLINIC.	" "	2.00 p.m.	4th Tues. each month reserved for sch. child.
	SURGICAL.	Mr. Tagart.	9.15 a.m.	
	OPHTHALMIC.	Miss Perrers Taylor.	2.00 p.m.	
	ORTHOPTIST.	Mrs. Grugeon.	10.00 a.m.	
	"	" "	2.00 p.m.	Booking Clinic.
	MEDICAL.	Dr. Arden Jones.	2.00 p.m.	
	ANTE-NATAL.	Mr. Hesketh's (Registrar)	10.00 a.m.	
WEDNESDAY.	"	Mr. Hesketh.	2.00 p.m.	1st & 3rd. Weds. each month.
	E.N.T.	Mr. Williamson.	10.30 a.m.	
	PHYSICAL MEDICINE.	Dr. Fell.	9.30 a.m.	
	PAEDIATRIC.	Dr. Cairdner.	9.30 a.m.	
	MEDICAL.	Dr. Arden Jones.	2.00 p.m.	
THURSDAY.	MEDICAL.	Dr. Martin.	2.00 p.m.	Alt. Wednesdays.
	NEUROLOGY.	Dr. Yealland.	10.00 a.m.	1st, 2nd. & 4th Thurs. each mon
	ANTE-NATAL.	Mr. Hesketh's (Regist)	10.00 a.m.	
	SURGICAL.	Mr. Williams.	10.00 a.m.	
	DERMATOLOGY.	Dr. Whittle.	10.00 a.m.	
	ORTHOPTIST.	Mrs. Grugeon.	10.00 a.m.	Except 4th Thus each month.
	DISEASES OF CHEST.	Dr. Hay.	2.00 p.m.	
	PHYSIO-THERAPY	Mr. Jamieson.	2.00 p.m.	
FRIDAY.	GYNAECOLOGICAL.	Mr. Hesketh.	9.30 a.m.	School child. only.
	OPHTHALMIC.	Miss Perrers Taylor	2.00 p.m.	
	ORTHOPAEDIC.	Mr. Jamieson.	2.00 p.m.	
	SURGICAL.	Mr. Tagart.	9.15 a.m.	
SATURDAY.	ORTHOPAEDIC.	Mr. Jamieson.	10.15 a.m.	

(e) HOSPITALS. 80 (50%) of the 164 births to inhabitants of the District took place at Newmarket General Hospital.

17(11%) of the 155 deaths in the District took place in hospitals as follows:-

- 3 St. Mary's Hospital, Bury St. Edmunds.
- 5 Tower House, Ely.
- 4 Addenbrooke's Hospital, Cambridge.
- 1 Maternity Hospital, Cambridge.
- 1 Newmarket General Hospital, Newmarket.
- 1 Hill End Hospital, St. Albans.
- 1 Hammersmith Hospital, Hammersmith.
- 1 St. Andrews Hospital, Northampton.

SECTION C.
SANITARY CIRCUMSTANCES OF THE AREA.

1. (i) WATER. The Newmarket Waterworks Company Limited supplies the Urban District, in which only fifteen dwelling houses (all in remote parts of the District), are without a main water supply. Two wells in the chalk at Southfields Pumping Station, connected by an adit, are the source of supply. One of these wells is 57 feet deep, and the other 50 feet deep. Each is brick lined to a depth of 20 feet, the remainder being lined with cast-iron cylinders. The water is chlorinated and pumped to a storage reservoir at Warren Hill, which has a capacity of 260,000 gallons.

The water is pumped by an electric submersible pump which was installed in 1957, and this pump is capable of pumping 46,000 gallons per hour, either up the 12 inch rising main to the storage reservoir, or direct to the service mains. A diesel pump is available as an alternative means of pumping, and the old steam pump, which the electric pump replaced, could also be brought into service again should circumstances require it.

The supply was maintained without any cuts throughout the year. A total of 211,580,000 gallons of water were pumped which is approximately $2\frac{1}{2}$ million gallons less than in the previous year. This reduction is partly accounted for by the fact that an area of the Newmarket R.D.C. district previously supplied by the Newmarket Waterworks Company is now supplied by the Rural District Council, and also that owing to the heavy rainfall during the year less water would be used on gardens.

Twenty-eight samples of water were taken from the well at Southfields Pumping Station for bacteriological examination, and all these were satisfactory.

Twenty-eight samples for bacteriological examination were taken from the mains, and all these were satisfactory with counts of Nil B.Coli per 100 mls.

One sample was taken from the well at Southfields Pumping Station and sent to Dr. Greenburgh, Public Analyst, for examination. The following is a copy of his report:-

Public Analyst's Laboratory,
Tenison Road, Cambridge.

CERTIFICATE OF ANALYSIS.

Sample of water labelled "Well at Southfields Pumping Station, Newmarket" received on the 19th November, 1958, from Mr. G. Penistone, Newmarket Urban District Council.

Time of Sampling 10.15 a.m. 19th Novr., 1958.
Temperature of sample 50°F.

Physical Examination Very slight deposit, bright, odourless and colourless
(Hazen less than 5.0)

General Chemical Examination Reaction pH 7.1

Parts per 100,000

Free Carbon Dioxide as CO ₂	2.90
Ammoniacal Nitrogen as N	Nil
Albuminoid Nitrogen as N	0.0016
Nitrous Nitrogen	absent
Nitric Nitrogen as N	0.70
Hardness as CaCO ₃ (Clark)	
Temporary	16.4
Permanent	8.1
Permanganate Figure (3 hours at 37°C)	0.0492
Alkalinity as CaCO ₃	24.6
Total Solids	45.9
Poisonous Metals	absent

Mineral Analysis

Calcium as Ca	9.95
Magnesium as Mg	0.45
Carbonate as CO ₃	14.85
Chloride as Cl	2.10
Sulphate as SO ₄	2.80
Nitrate as NO ₃	3.10
Iron	absent

Microscopical Examination of Deposit.

Mainly mineral matter

Plumbo-Solvency

No action on Lead in 3 days at 20°C

Bacteriological Examination.

Coliform organisms absent in 100 mls.

Number of microorganisms per ml developing at 37°C = 9

Number of microorganisms per ml developing at 21°C = 620

REMARKS.

The results obtained on the analysis of this sample indicate a fairly hard water containing very little organic matter though contaminated to some extent with microorganisms capable of development at the temperature of the "cool" incubator. Coliform organisms however could not be detected in 100 mls of the sample.

In view of the bacterial content of the sample, it is to be recommended that this water supply be efficiently chlorinated.

3rd December, 1958.

(Signed) S. GREENBURGH.

It will be noted that the Public Analyst recommended that the water should be chlorinated. The sample submitted to him was taken direct from the well before any treatment, and the water is in fact chlorinated as it is pumped to the mains.

A new bore was sunk at two cottages at Landwade to replace the water supply from an unsatisfactory well. Samples of the new supply were taken for chemical and bacteriological examination and the water was reported as being safe for drinking purposes.

Method of Mains Water Supply to Houses.

(a) Direct to Houses.

Number of dwelling houses	..	..	..	..	3,303
Estimated number of population supplied	..	..	..	..	10,711

(b) By means of Standpipes

Number of dwelling houses	..	..	..	..	190
Estimated number of population supplied	..	..	..	..	444
Number of standpipes	..	..	..	..	82

There are no Council owned standpipes in the District.

Number of houses from 1952, connected to :-

Piped Water Supply.							Sewerage System.						
1952.	1953.	1954.	1955.	1956.	1957.	1958.	1952.	1953.	1954.	1955.	1956.	1957.	1958.
59	106	112	50	64	75	117	59	101	100	50	64	73	114
Total: 583							Total: 561						

(ii) DRAINAGE AND SEWERAGE.

All of the sewage of the Urban District (with the exception of 40 properties which are drained to cesspools in parts of the District, where a sewer is not available) is treated at the Council's two Sewage Disposal Works. The Main Works serving an estimated population of 9,000 persons is at Newmarket, giving a D.W.F. of 500,000 gallons per day, and the smaller Sewage Works serving an estimated population of 1,550 is at Exning, giving a D.W.F. of 57,000 gallons per day.

Both these works were constructed in 1900 as Contact Bed Systems, but the Main Works have since been adapted as sedimentation tanks with percolating filters and small humus tanks and sludge beds, but owing to complaints received regarding the unsatisfactory effluent from the Exning Works, the Council are to prepare a scheme for a new modern Sewage Disposal Works to replace these works.

During the year, the Council have continued their once every quarter free cesspool emptying service with their 500 gallon Scammell Gulley and Cesspool Emptier to properties not yet on the Sewerage system within the District.

The new public lavatories in the King Edward VII Memorial Grounds designed on modern lines by the Council's Architect, have been commenced and will be completed during early 1959.

PUBLIC CLEANSING.

The cleansing of highways and road gullies, collection of house refuse, shop refuse, trade refuse and salvage is, as previously, carried out by direct labour, under the supervision of Mr.F.B.Waterfall, the Engineer and Surveyor.

During the year the Council replaced an obsolete Refuse Collector with a new Karrier Diesel 18 cub. yd. Dual Tip Refuse Collection Vehicle.

Domestic refuse is disposed of by controlled tipping, and during the year the Controlled Tip on the Newmarket Sewage Disposal Works site became filled up and the use of another tip at Woodditton, within the area of the Newmarket Rural District, was agreed with the Newmarket Rural District Council, but after several tip fires this site was abandoned and tipping and burning of the refuse is now being temporarily carried out on a tip of the Newmarket Rural District Council at Burwell.

Owing to excessive wet weather the ground water level rose considerably in the disused sand and gravel pits at Kennett, and, therefore, negotiations for this site were abandoned and negotiations for other suitable sites near Newmarket have so far proved unsuccessful, but a survey of the area is being made to find other suitable sites.

WASTE PAPER SALVAGE.

Owing to the reduction in the price obtainable for baled waste paper, the separate collection and baling of waste paper was uneconomical and this service was therefore abandoned during the year.

(iii) SANITARY INSPECTION OF THE AREA. The following tabular statement has been supplied to me by the Public Health Inspector, Mr.G.Penistone, as necessarily also, has much of the detailed information contained in this report concerning other activities.

Dwelling Houses.

Number of dwelling houses inspected under Public Health or Housing Acts	139
Total number of inspections and re-inspections thereunder	205
Number of houses inspected after Infectious Diseases	1
Miscellaneous Infectious Disease visits	1
Number of visits re Disinfection	1
Houses visited re Overcrowding	2
Number of verminous houses inspected (4 bed bugs, 1 fleas)	5
Number of houses with other infestations	41
Number of visits and re-visits re verminous or infested premises	29
Miscellaneous housing visits	162

Various Inspections.

Visits re water supply	58
Bacteriological samples of water from well at Southfields Pumping Station	28
Bacteriological samples of water from mains	28
Water sample from well at Southfields Pumping Station for chemical analysis	1
Water samples from other wells - for chemical analysis	1
- for bacteriological examination	1
Water samples from Swimming Pool	26
Inspections at Swimming Pool	18
Inspections re choked and/or defective drains, drain testing	84
Inspections of Public House sanitary conveniences	12
Inspections of Stables	1
Inspections of Fried Fish Shops	9
Inspections of Factories	58
Inspections of Bakehouses	3
Visits re Rats and Mice (in addition to Rodent Operators)	8
Smoke observations and visits	4
Schools	6
Shops Act	10
Miscellaneous Sanitary visits	36
Visits to slaughterhouse	434
Visits to Butchers Shops	16
Visits to Fishmongers	14
Visits to Grocers	36
Visits to Dairies	3
Visits re Milk Sampling	12
Visits to Ice-Cream premises	11
Visits re Ice-Cream sampling	9
Visits to Restaurants and Cafes	6
Visits to Markets	66
Visits re Petroleum & Explosives	13

Number of Informal Notices served in 1958	..	..	..	48
Number of Informal Notices outstanding from 1957	..	..	..	13
Number of Informal Notices complied with in 1958		..	..	47
Number of Informal Notices outstanding at 31st December,1958	..			14
Number of Statutory Notices outstanding from 1957		..	..	Nil
Number of Statutory Notices served in 1958	..	..	..	Nil
Number of Statutory Notices complied with in 1958		..	..	Nil
(a) By Owners	..	..	..	Nil
(b) By Local Authority in default of Owners		..	..	Nil
Number of Statutory Notices outstanding at 31st December,1958				Nil

Work done after service of Notices

<u>Work done after service of Notices</u>							<u>Informal</u>
Windows repaired	..	..	..	..	..	..	2
Roofs repaired	..	..	..	..	..	..	6
Ceilings repaired	..	..	..	..	..	..	3
Floors repaired	..	..	..	..	..	..	2
Walls repaired	..	..	..	..	..	..	4
Damp conditions abated	..	..	..	..	..	..	5
Eaves gutters or rainwater pipes repaired or renewed						..	1
Water closets repaired or renewed			..	..	..	..	4
Drains cleansed, repaired or renewed			..	..	..	..	13
Offensive accumulations removed			..	..	..	..	4
Dustbins provided	..	..	..	..	..	..	4
Dirty houses cleansed	..	..	..	..	..	..	1
Nuisances from animals abated	..	..	..	..	..	..	1
Smoke nuisances abated	..	..	..	..	..	..	2

FACTORIES.

Sanitary conveniences cleansed	..	..	..	..	1
Sanitary conveniences properly screened	..	..	..	..	1
Suitable sanitary conveniences provided	..	..	..	..	4

FOOD PREMISES.

Contraventions of Food Hygiene Regulations discontinued ..	18
Contravention of Milk & Dairies Regulations discontinued	1

Factory Act, 1957.
Inspections for purposes of provisions as to health.

Premises.	Number on Register.	Number of		
		Inspections.	Written Notices.	Occupiers Prosecuted
(i) Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authority.	16	5	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	67	43	2	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority(excluding out-workers' premises).	11	10	2	Nil
	94	58	4	Nil

Cases in which defects were found.

Particulars.	M/C Line No.	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted.
		Found	Remedied	To H.M. Inspector.	By H.M. Inspector.	
Sanitary Conveniences (S.7.)						
(b)Unsuitable or defective	10	4	5	Nil	Nil	Nil

Outstanding notice from 1957 - complied with in 1958.

OUTWORK (Section 110). Nil.

- (iv) SHOPS AND OFFICES. 10 inspections were made under the Shops Act.
- (v) CAMPING SITES. There are no licenced camping sites in the District.
- (vi) SMOKE ABATEMENT. Newmarket has no heavy industries and is, therefore, comparatively free from industrial atmospheric pollution.
Informal action was taken regarding one emission of dark smoke from a chimney serving a boiler furnace, and one smoke nuisance due to the burning of an accumulation of sawdust was abated.
- (vii) SWIMMING POOL. The Council own a modern open-air swimming pool, water for which is obtained from the mains. Circulation of the water is continuous, the water being passed through a Bell Horizontal sand filter and chlorinated.

The pool was open from 10th May, to 13th September, 1958. The number of tickets sold was 21,999 of which 16,926 were issued to children and 5,073 were to adults. In addition there were 19 adult and 135 children season ticket holders.

Arrangements were made with the West Suffolk Education Committee and the Cambridgeshire Education Committee for use of the swimming pool by school children on each morning, Monday to Friday during the school summer term.

Twenty-six samples of water were taken from the pool for bacteriological examination, simultaneous samples being taken from both shallow and deep ends on each occasion of sampling. Twenty-three samples were satisfactory. On the three occasions when an unsatisfactory result was obtained, details were reported to the Engineer & Surveyor for suitable action to be taken.

Eighteen inspections were made regarding cleanliness of dressing cubicles, sanitary accommodation, and pool surrounds.

(viii) ERADICATION OF BED BUGS AND OTHER VERMIN.

The following infestations were treated:-

Type of Infestation.	Number of Premises.	Number of Treatments.	Treatment.
Bed Bugs.	4	4	Zaldecide D.D.T.
Fleas.	1	1	- do -
Woodworm.	7	8	Cuprinol.
Clover Mite.	2	2	Lindane & Malathion.
Wasp Nests.	32	32	Sodium Cyanide or Zaldecide D.D.T.

One hundred and eight visits were paid to houses occupied by persons who had been allotted Council houses, in order that the dwellings which they occupied and their furniture could be inspected, and if necessary, freed from vermin before removal to a new house. No vermin were discovered during these inspections.

None of the infestations, except those of woodworm and clover mite were in Council houses.

RATS AND MICE. The Council employ two operators on the work of rodent destruction. Inspections and treatment of premises were carried out where infestations were notified by occupiers, as well as systematic inspections of the District and treatment of premises where necessary.

Free treatments were given at dwelling houses. Treatments at business premises were charged for at the rate of 15/6d. per hour, inclusive of baits and poisons.

One maintenance treatment of the sewers was carried out in March. The sewers were test baited in September, baits being laid in fifty-nine manholes. The bait used was sausage rusk to which was added paranitrophenol, and the baits were kept in position for seven days. No takes of bait were found during the test.

Summary of Treatments carried out.

<u>Type of Premises.</u>	<u>No. of Treatments.</u>	<u>Bodies Found.</u>	<u>Rats.</u>	<u>Mice.</u>
Dwelling houses.	586	546	76	
Business Premises.	38	198	49	
Racing Stables.	6	54	-	
Allotments.	8	80	-	
<u>Council Property.</u>				
Sewage & Refuse Disposal Works.	5	211	-	
Other Council property.	1	3	-	
	<u>644</u>	<u>1,092</u>	<u>125</u>	

(IX) SCHOOLS. Six visits were paid to schools in connection with the inspection of washing and sanitary accommodation.

SECTION D.
HOUSING.

1. (i) (a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	139
(b)	Number of inspections made for the purpose	205
(ii) (a)	Number of dwelling houses (included under sub-head (i) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	14
(b)	Number of inspections made for the purpose	14
(iii)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	9
(iv)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation.	20
2.	<u>Remedy of Defects during the year without service of formal notices:-</u>	
	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	20
3.	<u>Action under Statutory Powers during the year:-</u>	
(a)	<u>Proceedings under Sections 9,10,12 and 39 of the Housing Act, 1957:-</u>	
(1)	Number of dwelling houses in respect of which notices were served requiring repairs	Nil
(2)	Number of dwelling houses which were rendered fit after service of formal notices:-	
(a)	By Owners	Nil
(b)	By Local Authority in default of Owners	Nil
(b)	<u>Proceedings under Public Health Acts.</u>	
(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	Nil
(2)	Number of dwelling houses in which defects were remedied after service of formal notices	
(a)	By Owners	Nil
(b)	By Local Authority in default of Owners	Nil
(c)	<u>Proceedings under Sections 16,17,19,21 and 23 of the Housing Act, 1957.</u>	
(1)	Number of dwelling houses in respect of which Demolition Orders were made	2
(2)	Number of dwelling houses demolished in pursuance of Demolition Orders	Nil
(3)	Number of dwelling houses in respect of which Closing Orders were made or undertakings accepted not to re-let for human habitation.	Nil
(4)	No. of dwelling houses closed in pursuance of Closing Orders or undertakings	1
(d)	<u>Proceedings under Sections 18,19 and 27 of the Housing Act, 1957.</u>	
(1)	Number of parts of dwelling houses in respect of which Closing Orders were made	Nil
(2)	Number of parts of dwelling houses closed in pursuance of Closing Orders.	Nil
(e)	<u>Proceedings under Sections 42 and 43 of the Housing Act, 1957.</u>	
(1)	Number of houses included in Clearance Areas	Nil

4. Housing Act, 1957 - Part IV - Overcrowding.

(a)	(i)	Number of dwellings overcrowded at the end of the year	1
	(ii)	Number of families dwelling therein	1
	(iii)	Number of persons dwelling therein	8
(b)		Number of new cases of overcrowding discovered during the year	Nil
(c)	(i)	Number of cases of overcrowding relieved during the year	1
	(ii)	Number of persons concerned in such cases	6
(d)		Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority having taken steps for the abatement of overcrowding	Nil

IMPROVEMENT GRANTS. Seventeen houses were inspected in connection with applications for improvement grants and twenty-eight visits were made for the purpose.

During the year grants were made for improvements at six houses, the total grants amounting to £1,125.

RENT ACT, 1957. Four visits were made where the tenants had requested information concerning certificates of disrepair. One application for a certificate of disrepair was received, but this was not issued as the owner gave an undertaking to carry out the repairs. Three certificates of disrepair, relating to applications made in 1957, were issued during the year.

The following table indicates the number of Council houses provided by this Authority:-

	Pre-War	Completed Post-War.													Total Post-War
		1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	
Traditional	311	-	34	30	5	27	36	20	37	47	34	48	34	77	429
Prefabricated		35	15												50
Easiform				98	2										100
Unity						9	11	28							48
Wates									44	24					68
	311	35	49	128	7	36	47	48	81	71	34	48	34	77	695

Pre-War 311

Grand Total Council Houses 1,006

Conversions:

Family units provided by Council	17	13	32	28	-	-	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	22
----------------------------------	----	----	----	----	---	---	-----	-----	-----	-----	-----	-----	-----	-----	----

# 1952	4	de-requisitioned
# 1953	3	" "
	17	(hutment site) vacated
# 1954	4	de-requisitioned
# 1955	16	" "
	4	(hutment site) vacated
# 1956	19	{ " " } vacated
# 1957	1	{ " " } vacated

Private Enterprise

Houses completed	3	5	3	5	2	10	11	18	17	8	16	25	29	152
Conversions - family units provided	5	20	10	11	6	8	6	10	2	1	-	-	-	79
Houses built by Council and sold to private owners	-	-	-	-	-	-	-	2	12	8	-	16	12	50

Mr. P. D. Lees, the Council Architect, has kindly supplied the following notes on housing progress during 1958:-

The Council's housing programme was subject to considerable fluctuation during 1958. This was mainly due to indecision and changing policy on the part of the central Government.

The original programme envisaged the commencement of sixty-eight houses, bungalows and flats during the year, consisting of twenty-two one bedroom and forty-six two bedroom dwellings. Of this number twenty-four were to be for slum clearance, thirty for old people and the remaining fourteen for general needs. In view of Government policy at that time the Council had kept its requirements to a minimum and was prepared for some further reduction, probably to the extent of the elimination of the fourteen for general needs. The Minister was, however, even more severe than had been anticipated, and slashed the programme to a total of thirty-six. The Council decided, in the circumstances, to proceed with the erection of eighteen bungalows and twenty flats - the extra two dwellings to be set against the allocation for the following year. Towards the end of the year, faced by the prospect of increased unemployment, the Government suddenly reversed its policy and informed the Council that a further eighteen dwellings might be commenced, providing the tenders were submitted for approval before the end of October. This additional allocation was accepted and the extra dwellings incorporated in a contract for thirty-six one and two bedroom flats, on which building work commenced early in November.

Constant changes in policy such as those described above make it extremely difficult for any authority, and especially for a small authority, to run a building programme economically. As the Architect's Journal said at the time "To jam on all brakes for twelve months, starving the local authorities of subsidies and capital and making them pay through the nose for any money they get, and then suddenly to urge them into a frenzied burst of activity without solving their financial problems cannot produce any effective results. It might even do harm."

During the year eighty-nine dwellings were completed, this being the highest total of traditional dwellings for any year and the second highest total of all types in the Council's history. Included in the total were twelve houses for sale, and thirty-three flats and, in addition, five shops were completed on the Houldsworth Valley Estate.

SECTION E. INSPECTION AND SUPERVISION OF FOOD.

(a) <u>MILK SUPPLY.</u>	<u>Milk & Dairies Regulations, 1949-54.</u>	
	Number of Milk Distributors on Register	5
	Number of Dairies on Register	2
	<u>Milk (Special Designation) Regulations, 1949.</u>	
	Number of Licences to sell milk as Tuberculin Tested	3
	Number of Supplementary Licences to sell milk as Tuberculin Tested	1
	<u>Milk (Special Designation) (Pasteurised & Sterilised Milk) Regulations, 1949-53.</u>	
	Number of Licences to sell milk as Pasteurised	4
	Number of Supplementary Licences to sell milk as Pasteurised	1

Twelve samples of Pasteurised milk were taken for methylene blue and phosphatase tests and all were satisfactory.

(b) ICE-CREAM. There are no premises in the District where ice-cream is manufactured. Thirty-two premises are registered for the storage and sale of ice-cream, but nine of these were not selling ice-cream during the year. The ice-cream sold is wrapped or in cartons as it is received from large manufacturers.

Nine samples were taken for methylene blue test. Six samples were placed in provisional grade 1 and three in provisional grade 2.

Eleven inspections were made at ice-cream premises.

(c) MEAT AND OTHER FOODS.

The inspection of meat in the slaughterhouse is a duty which receives first priority, and, as in previous years a 100% inspection of all animals slaughtered has been maintained, 434 visits being made for the purpose.

The slaughterhouse is a private one which is used by the occupier for slaughtering for his own business as a wholesaler and retailer, and as a slaughtering contractor for such other butchers in the Urban and adjoining Rural Districts who desire to use his services.

Only two cows were slaughtered during the year, the other 599 cattle being steers and heifers of good quality. Of the latter, only 2.5% had tuberculosis in some part or organ as against the previous lowest percentage (3.42%) in 1957. No tuberculosis was found in the two cows slaughtered.

Only one case of cysticercus bovis was discovered. This was a localised infection in the masseter muscle, and the carcase and remaining offal were treated by refrigeration.

No horses are slaughtered for human consumption in the District, and there are no shops selling horse meat for human consumption.

Percentage of Cattle affected with Tuberculosis in some part or organ.

	<u>COWS.</u>	<u>CATTLE OTHER THAN COWS.</u>
1948	40.36	15.24
1949	28.53	13.33
1950	27.50	11.64
1951	22.95	9.26
1952	18.06	8.30
1953	16.72	7.56
1954	14.86	4.27
1955	11.11	4.14
1956	-	4.81
1957	-	3.42
1958	-	2.50

Carcases and Parts of Carcases Condemned.

<u>Beasts.</u>	Whole carcasses	1
	Part carcasses	Nil
<u>Sheep & Lambs.</u>	Whole carcasses	2
	Part carcasses	Nil
<u>Pigs.</u>	Whole carcasses	3
	Part carcasses	2
<u>Calves.</u>	Whole carcasses	Nil
	Part carcasses	Nil

OFFAL CONDEMNED.

Cattle.	Cattle other than Cows.		Cows.		Total.
	Tuberculosis	Other Diseases	Tuberculosis	Other Diseases	
Heads	4	2	-	-	6
Lungs	12	16	-	-	28
Hearts	-	1	-	-	1
Livers	3	37	-	-	40
Kidneys	2	-	-	-	2
Skirts	1	-	-	-	1
Spleens	1	-	-	-	1
Stomachs	1	-	-	-	1
Mesenteries	1	-	-	-	1
Udders	-	-	-	1	1
<u>PIGS.</u>			<u>TOTAL</u>		
Heads	5	-	5		
Lungs	-	179	179		
Hearts	-	82	82		
Livers	-	10	10		
Kidneys	-	2	2		
Mesenteries	7	1	8		
<u>SHEEP.</u>					
Lungs	-	1	1		

Total Weight of Meat & Offal Condemned: 1 ton, 4 cwt, 13 lb.

Carcases and Offal inspected and condemned in whole or in part.

	Cattle excluding Cows.	Cows.	Calves.	Sheep & Lambs.	Pigs.	Horses.
Number killed	599	2	42	1,145	2,466	Nil
Number inspected	599	2	42	1,145	2,466	Nil
<u>All diseases except Tuberculosis:</u>						
Whole carcasses condemned	Nil	Nil	Nil	2	3	Nil
Carcasses of which some part or organ was condemned	51	1	Nil	1	214	Nil
Percentage of the number inspected affected with disease other than Tuberculosis	8.51	50.00	Nil	0.26	8.8	Nil
<u>Tuberculosis only:</u>						
Whole carcasses condemned	1	Nil	Nil	Nil	Nil	Nil
Carcasses of which some part or organ was condemned	14	Nil	Nil	Nil	10	Nil
Percentage of the number inspected affected with Tuberculosis	2.50	Nil	Nil	Nil	0.41	Nil
<u>Cysticercosis:</u>						
Carcasses of which some part or organ was condemned	1	Nil	Nil	Nil	Nil	Nil
Carcasses submitted to treatment by refrigeration	1	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemned.	Nil	Nil	Nil	Nil	Nil	Nil

FOODSTUFFS CONDEMNED AS BEING UNSOUND OR OTHERWISE UNFIT FOR HUMAN
CONSUMPTION.

114 tins of Meat	9 lb. of Ham.
39 " " Milk	1½ lb. " Tongue
21 " " Fish	1½ " " Jellied Veal
130 " " Fruit	13 " " Sausages
93 " " Vegetables	112 " " Cheese Trimmings
1 jar of Pickles	23 " " Cake
1 pkt. " Processed Cheese.	6 " " Bath Chaps

Total Weight Condemned: 7 cwt. 11 lb.

Method of Disposal of Condemned Food.

Meat. Condemned meat was stained green by the Public Health Inspector and then removed by a private firm for processing. Meat condemned at butchers' shops was taken to the slaughterhouse and placed in the condemned meat store for removal with the other condemned meat.

Other Foods condemned at shops, warehouses, etc. were destroyed by burning Foods at the refuse destructor.

Food Premises in the District.

1958.

Hotels & Licensed Premises	..	..	..	..	..	..	35
Restaurants and Cafes	..	..	..	..	..	..	10
Grocers	..	..	..	..	..	..	30
Ice-Cream Premises	..	..	..	..	..	..	32
Butchers	..	..	..	..	..	..	16
Fishmongers	..	..	..	..	..	..	4
Dairies	..	..	..	..	..	..	2
Greengrocers	..	..	..	..	..	..	8
Bakers	..	..	..	..	..	..	4
Fried Fish Shops	..	..	..	..	..	..	6

Premises registered under the Food & Drugs Act, 1955, Section 16.

Sausage Manufacturers	..	..	..	..	..	..	11
Ice-cream Premises	..	..	..	..	..	..	32

The registered sausage manufacturers are all butchers who make sausages as part of their general business. The inspections of these premises are included in the total of 16 inspections at butchers' shops.

Particulars regarding the ice-cream premises are set out elsewhere in this report.

Food Hygiene Regulations, 1955. The following contraventions of the Regulations were discontinued after informal action:-

<u>Stalls.</u>	Sweets exposed to contamination by insects	1
<u>Shops.</u>	Wash hand basins not provided with hot water	1
	Food kept less than 18 inches from ground	1
	Meat chopping blocks kept in dirty condition	1
<u>Restaurants.</u>	Food kept as to involve risk of contamination	1
	Equipment kept in dirty condition	1
	Equipment not protected against contamination	1
	Water closet in dirty condition	1
	No notice requiring washing of hands displayed in W.C.	1
	No wash hand basin with hot and cold water provided solely for use of persons engaged in food handling	1
	No first aid materials available	1
	Outdoor clothing kept in food room	1
	Sink in dirty condition	1
	Kitchen walls, ceiling and woodwork in dirty condition	1
	No provision made to prevent contamination by flies	1
	Cooked food kept improperly at room temperature	1
	Insanitary condition of yard at rear of premises	1
<u>Miscellaneous.</u>	Insanitary premises used for storage of bread	1

During routine visits to food premises, the opportunity was taken to discuss the Regulations with the proprietors and to emphasise the need for clean handling of food.

Educational activity regarding Food Hygiene.

No clean food guilds have been inaugurated in the District.

(d)	<u>ADULTERATION, ETC.</u>	} No change.
(e)	<u>CHEMICAL BACTERIOLOGICAL EXAMINATION.</u>	
(f)	<u>NUTRITION.</u>	
(g)	<u>SHELL-FISH. (Molluscan)</u>	
(h)	<u>WATER-CRESS.</u>	

SECTION F.
PREVALENCE OF & CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The following table shows the number of Infectious Diseases among the civilian population during the year. These are the final numbers after corrections subsequently made either by the Notifying Medical Practitioner or by the Medical Superintendent of the Infectious Disease Hospital.

				Scarlet Fever.		Whooping Cough.		Meningococcal Infections.		Measles.		Pneumonia.		Puerperal Pyrexia.	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	F.	
Grand	Total:	M.	F.	Totals:											
	2627	87	20	1	-	3	6	1	-	1	9	1	1	4	
Under 1 year				-	-	-	1	1	-	-	-	-	-	-	
1 year				-	-	-	1	-	-	1	-	-	-	-	
2 years				-	-	-	-	-	-	-	1	-	-	-	
3 years				-	-	-	-	-	-	-	2	-	-	-	
4 years				-	-	1	1	-	-	-	1	-	-	-	
5 to 9 years				-	-	2	3	-	-	-	3	-	1	-	
10 to 14 years				-	-	-	-	-	-	-	2	-	-	-	
15 to 24 years				1	-	-	-	-	-	-	-	1	-	3	
25 to 44 years				-	-	-	-	-	-	-	-	-	-	1	
45 to 64 years				-	-	-	-	-	-	-	-	-	-	-	
65 & over.				-	-	-	-	-	-	-	-	-	-	-	

T U B E R C U L O S I S.
New Cases and Mortality.

NEW CASES.

	1958.	1957.	1956.	1955.	1954.	1953.	1952.	1951.	1950
Pulmonary	4	9	2	4	7	6	8	11	10
Non-Pulmonary	2	4	Nil	Nil	1	3	1	2	1

Ages of Cases Notified in 1958:-

Pulmonary: 3 Males, 41, 45 & 64 years.
1 Female, 29 yrs.
Non-Pulmonary: 1 Male, 2 years.
Pulmonary: 1 Female, 24 yrs.

MORTALITY. There were no Tuberculosis deaths during 1958.

TUBERCULOSIS REGISTER.

	<u>Pulmonary.</u>		<u>Non-Pulmonary.</u>		<u>Total.</u>	
	<u>Male.</u>	<u>Female.</u>	<u>Male.</u>	<u>Female.</u>	<u>Male.</u>	<u>Female.</u>
1. Cases at commencement 1958.	25	28	4	8	29	36
2. Notified first in 1958.	3	1	1	1	4	2
3. Restored to Register.	-	-	-	-	-	-
4. Added by Transfers.	2	2	-	1	2	3
5. Cases removed from Register.	8	8	1	7	9	15
6. Remaining at end of 1958.	22	23	4	3	26	26



